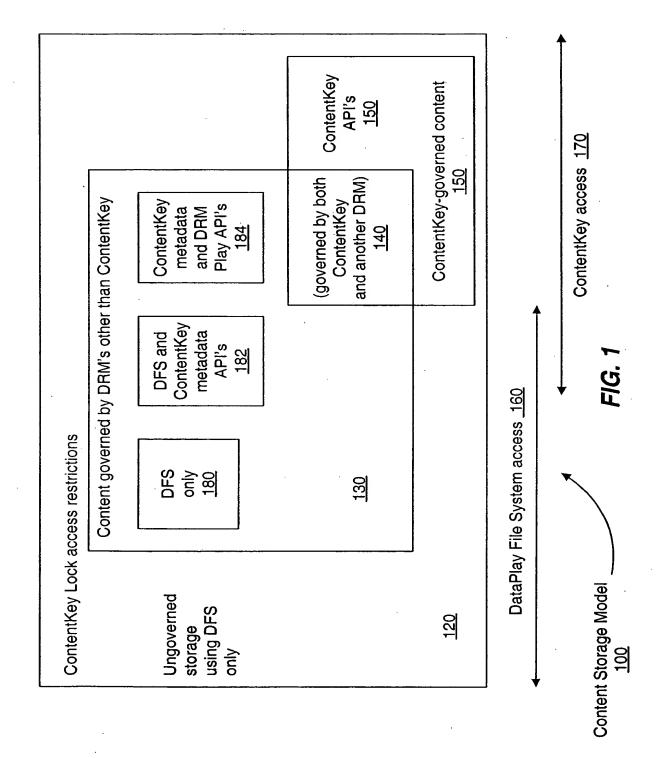
orney Docket No.: M-12043 US

Title:

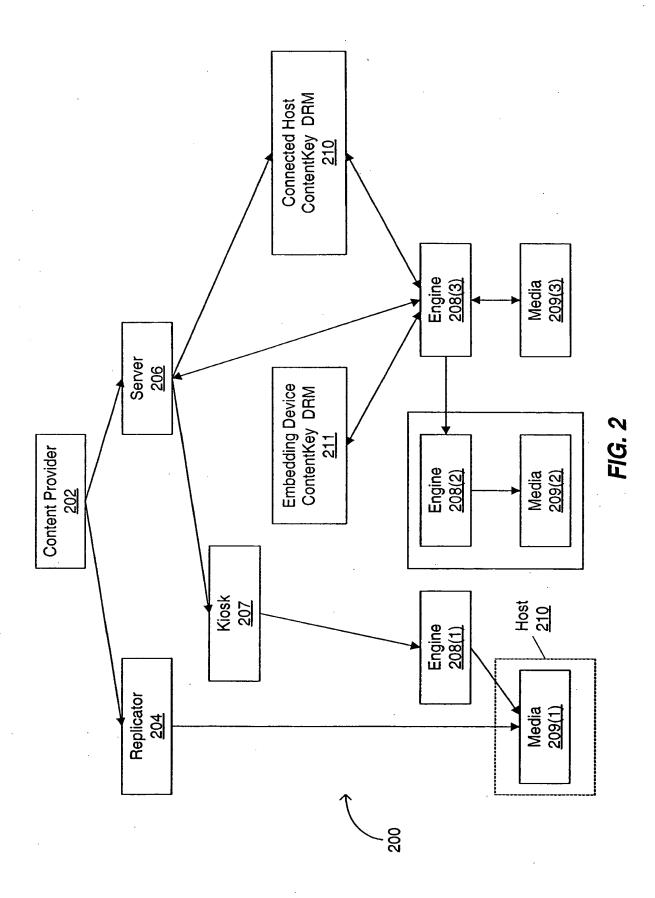
Lane W. Lee



First Inventor:

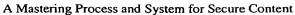
Title:

M-12043 US
Lane W. Lee
A Mastering Process and System for Secure Content



Title:

Lane W. Lee



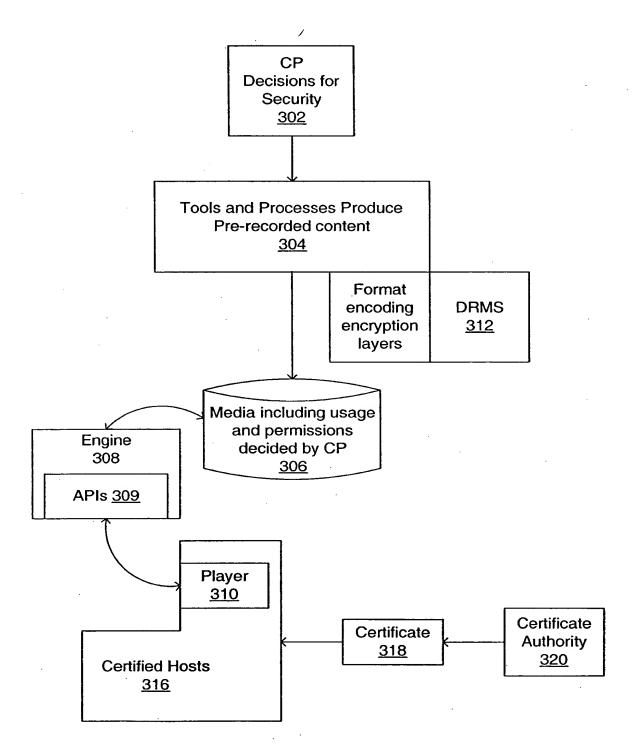
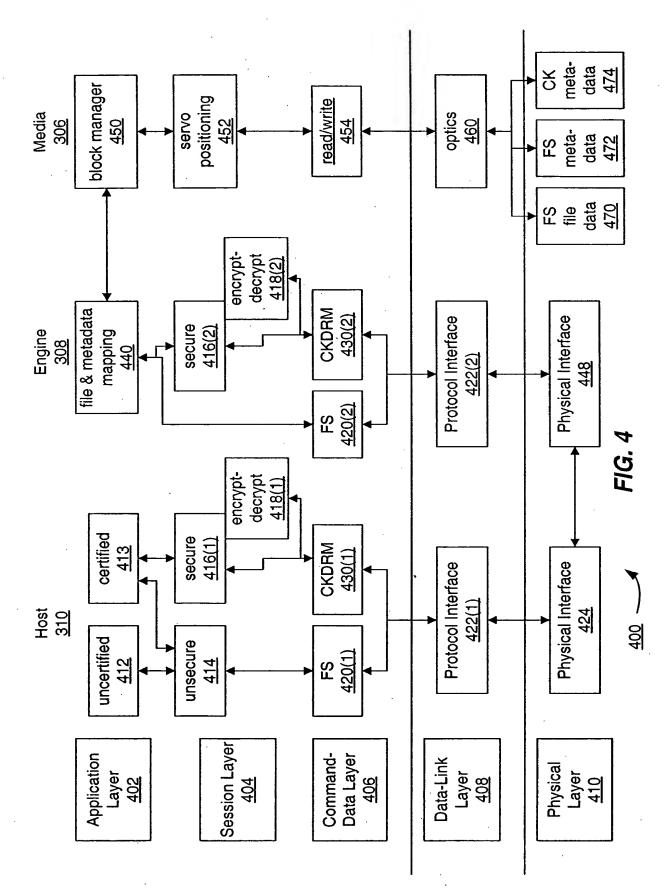


FIG. 3

Title:

Lane W. Lee



Lane W. Lee

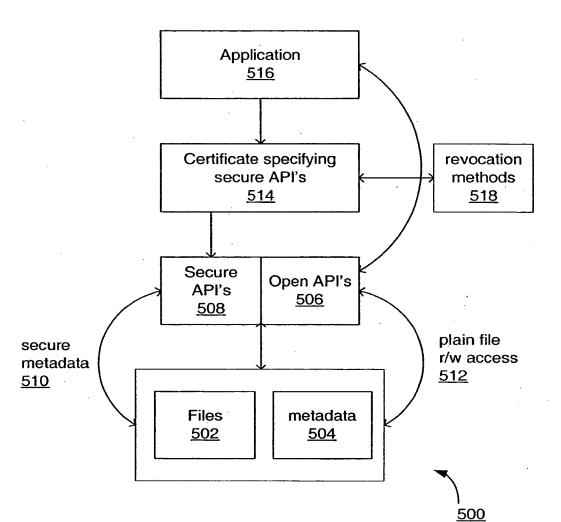
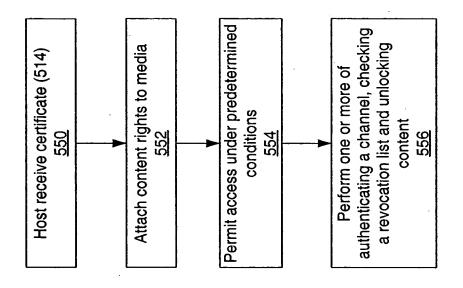


FIG. 5A

First Inventor: M-12043 US Lane W. Lee

Title:

A Mastering Process and System for Secure Content



Prevent access to

data outside

firmware <u>532</u>

data via firmware Enable access to

530

Title:

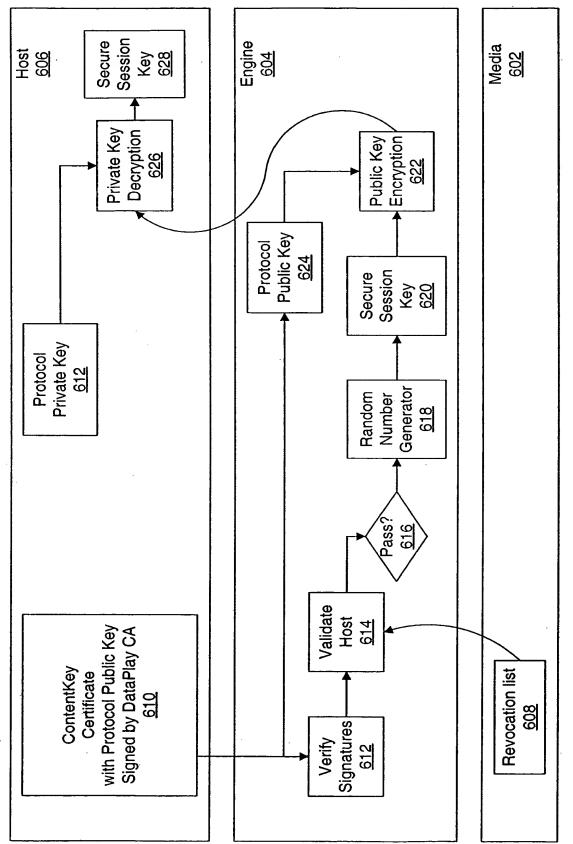


FIG. 6

Lane W. Lee

Title:

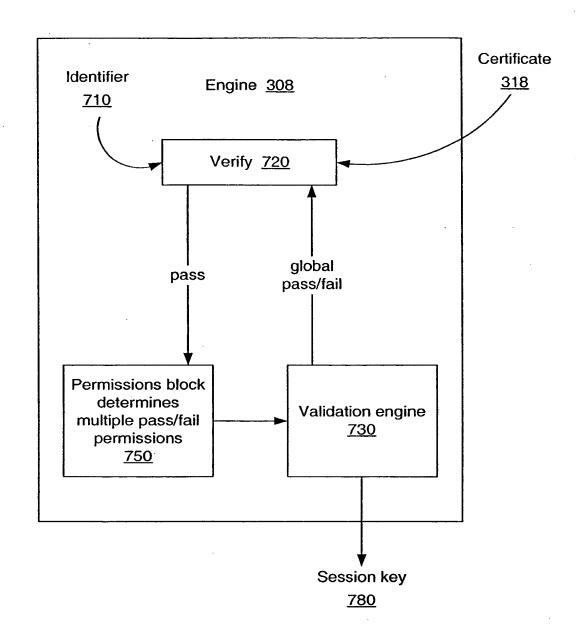


FIG. 7A

Use identifier to qualify

destination

704

Receive certificate from destination

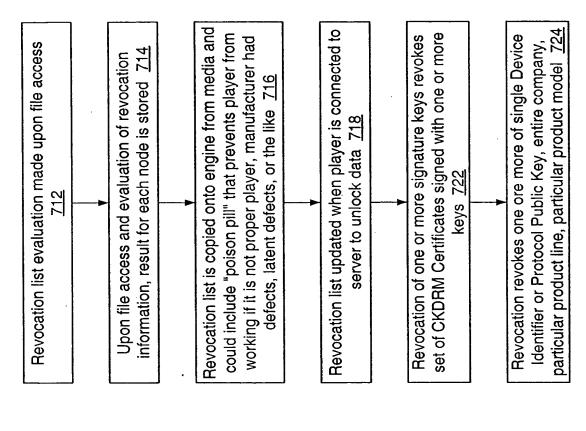
702

Transmit session key

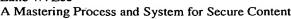
<u> 706</u>

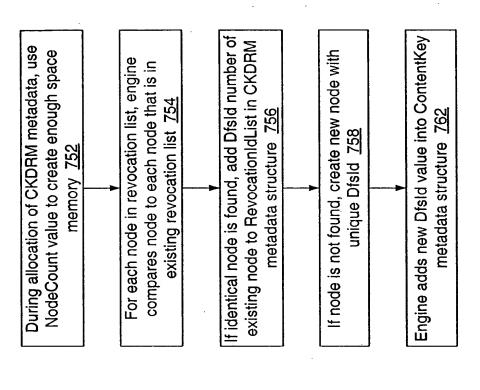
Title:

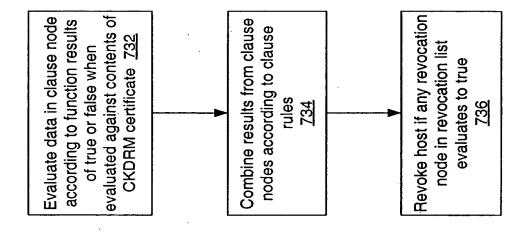
Lane W. Lee



Title:







Title:

Lane W. Lee

A Mastering Process and System for Secure Content

Revocation list evaluated each time CKCMD\_AUTHENTICATE command occurs, or when new piece of media is inserted into engine <u>772</u>

Evaluate revocation list against received CKDRM Certificate <u>774</u>

Evaluation results in revoked or not revoked status for node <u>776</u>

Results of evaluation stored in field of revocation node structure <u>778</u>

FIG. 7F

Title:

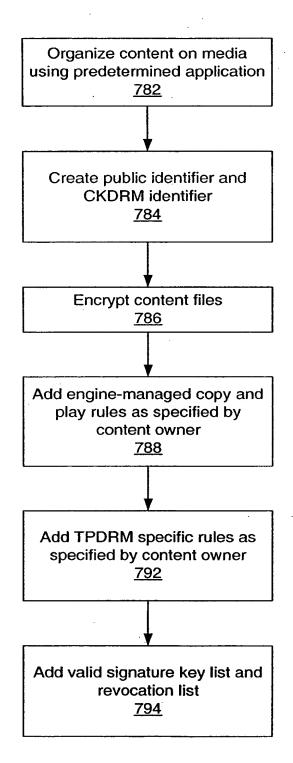


FIG. 7G

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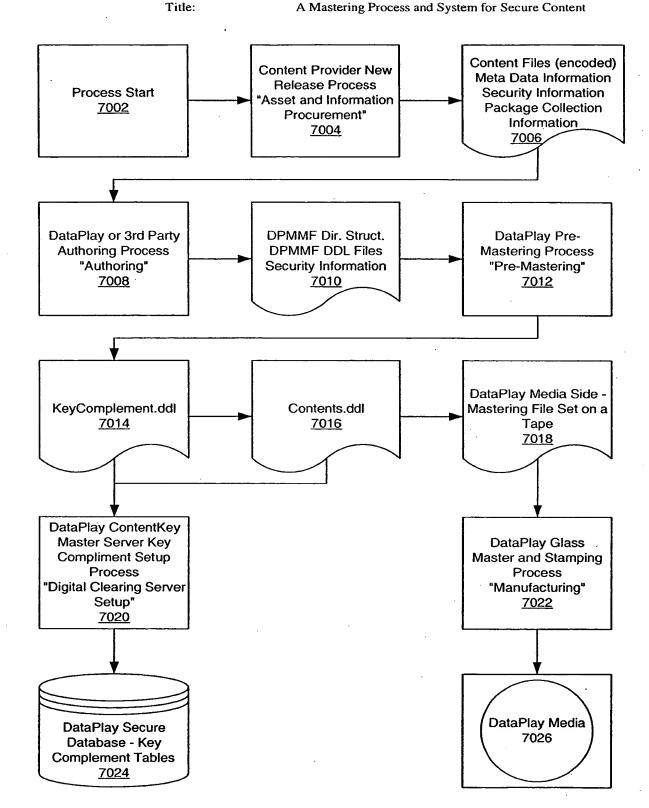


FIG. 7H

Title:

Lane W. Lee A Mastering Process and System for Secure Content

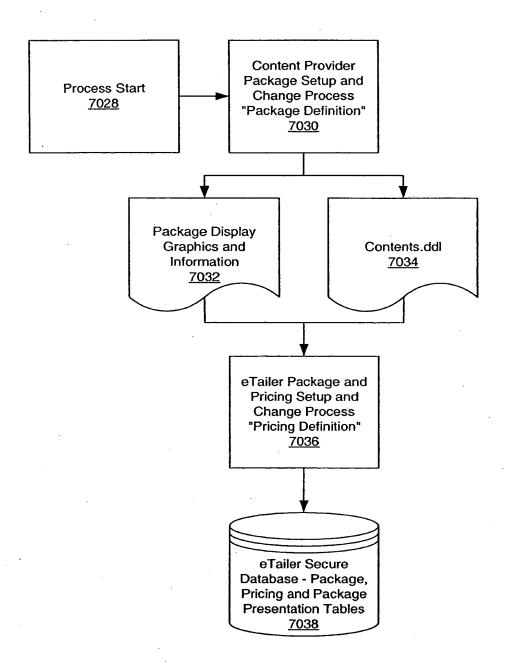


FIG. 71

Lane W. Lee

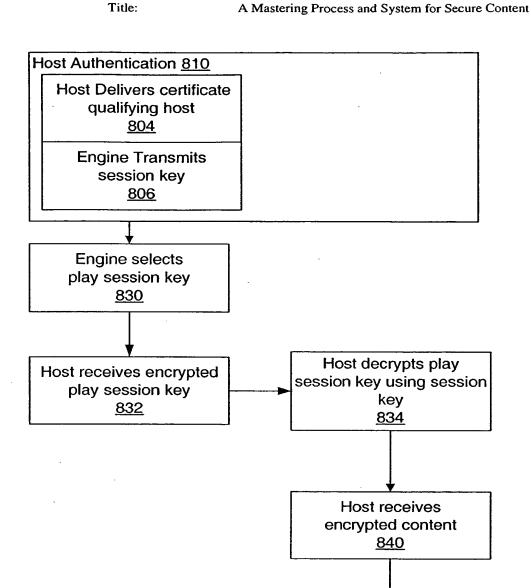


FIG. 8

Host decrypts content using play session key 850

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Title:

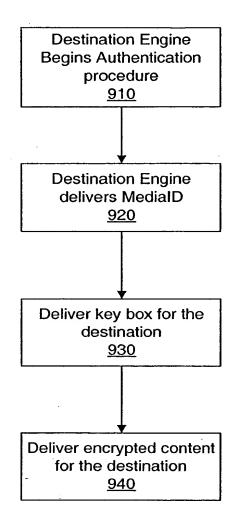


FIG. 9

Lane W. Lee

Title:

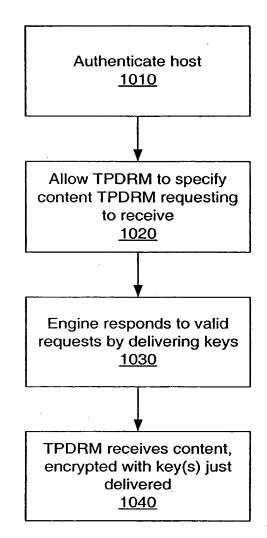


FIG. 10

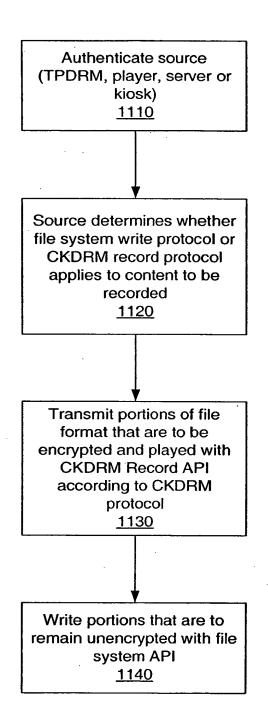


FIG. 11

Lane W. Lee

Title:

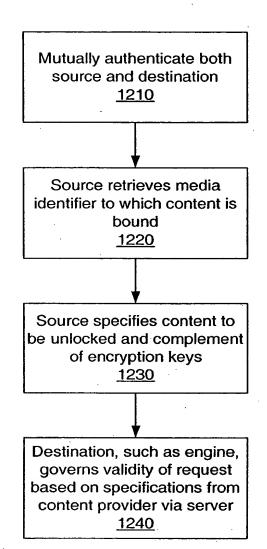


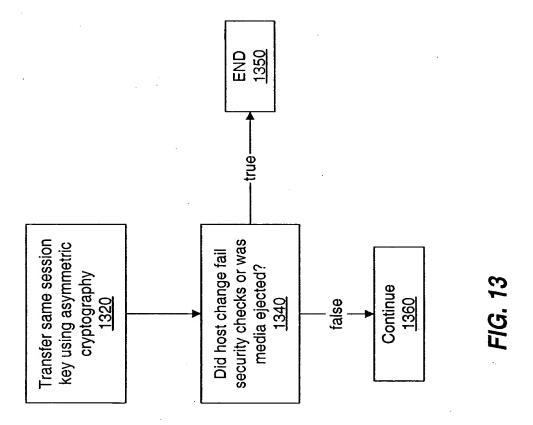
FIG. 12

Attorney Docket No.: M-12043 US

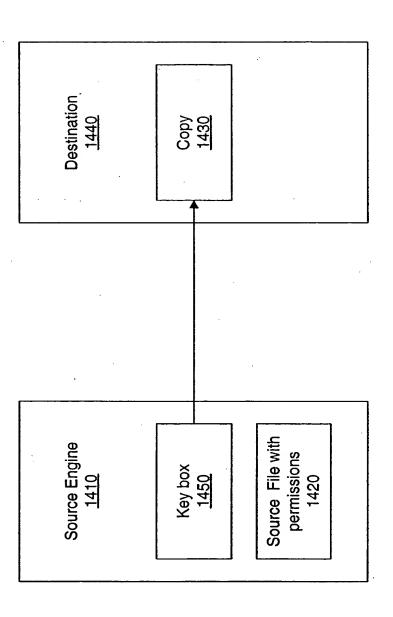
First Inventor:

M-12043 US Lane W. Lee

Title:



Title:



attorney Docket No.: M-12043 US

Lane W. Lee

First Inventor: Title: A Mastering Process and System for Secure Content

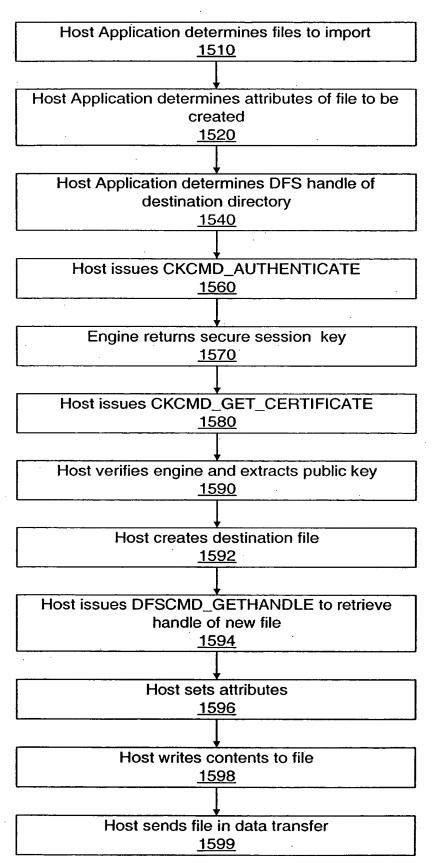


FIG. 15

Lane W. Lee

Title:

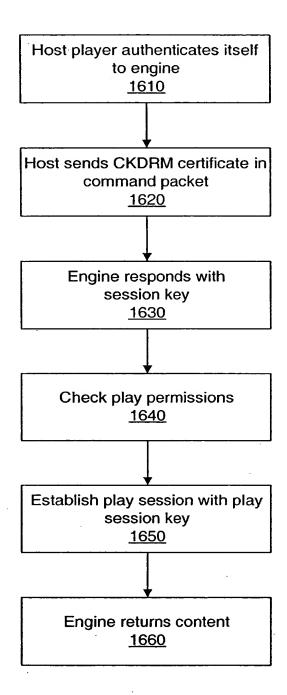


FIG. 16

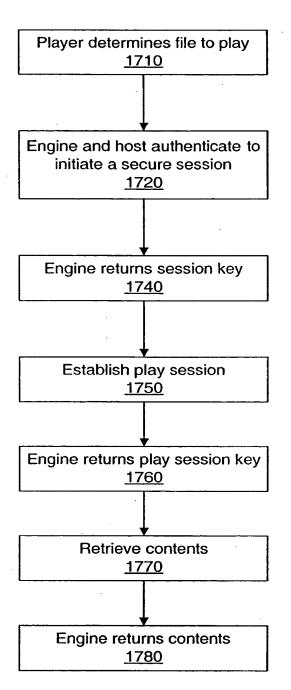


FIG. 17

Lane W. Lee

Title:

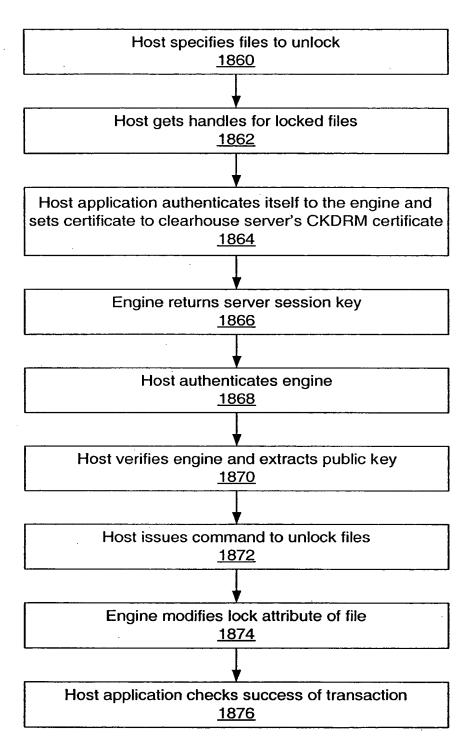


FIG. 18

Attorney Docket No.: M-12043 US
First Inventor: Lane W. Lee
Title: A Mastering P

Host sends TPDRM certificate <u>1920</u> **TPDRM** authenticates itself to engine <u>1910</u> Engine responds with session key 1930 TPDRM retrieves secure metadata <u>1940</u> Engine returns key for decryption metadata and encrypted metadata <u>1950</u> TPDRM checks permissions and return play session key and revocation list for file 1960 Value for file is decremented 1970

A Mastering Process and System for Secure Content

FIG. 19

Engine returns content for file 1980

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Title:

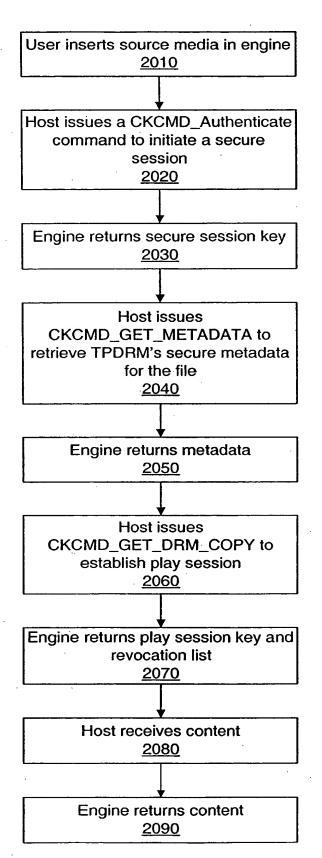


FIG. 20

Lane W. Lee

Title:

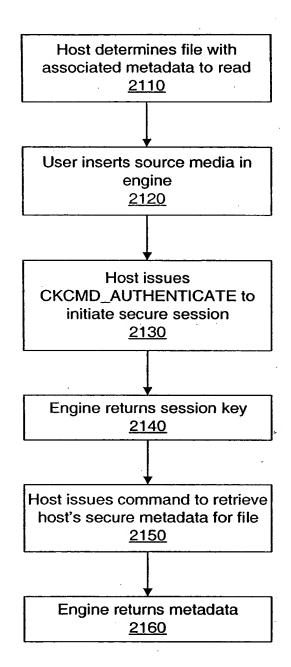


FIG. 21

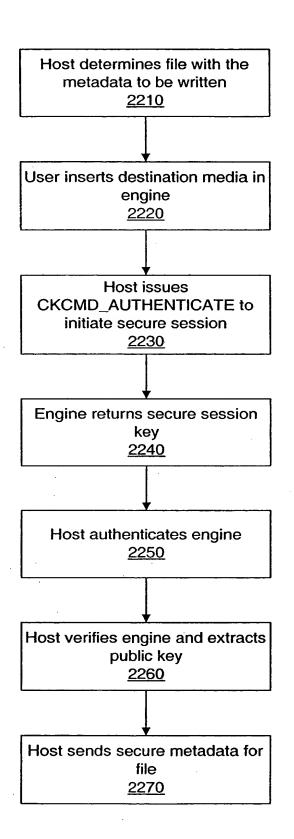


FIG. 22A

A Mastering Process and System for Secure Content

First Inventor: Lane W. Lee
Title: A Mastering P

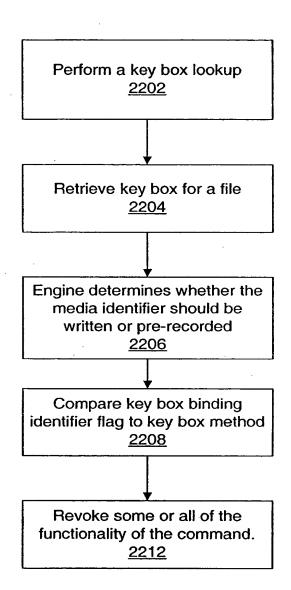


FIG. 22B

Attorney Docket No.: M-12043 US

First Inventor:

Lane W. Lee

Title:

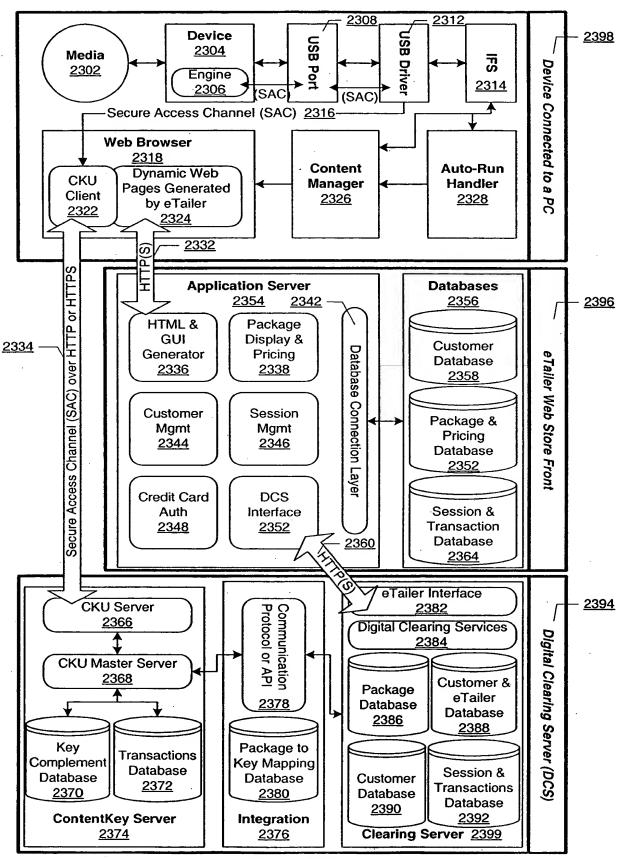


FIG. 23A

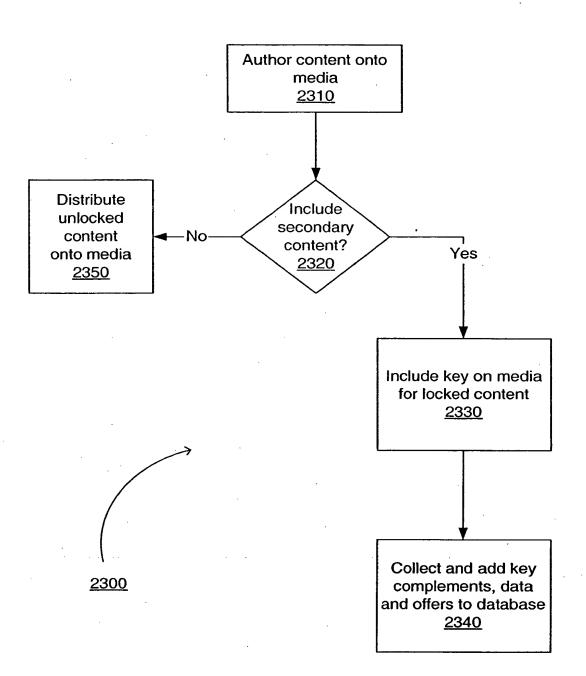


FIG. 23B

Attorney Docket No.: M-12043 US

First Inventor: Lane W. Lee
Title: A Mastering Process and System for Secure Content

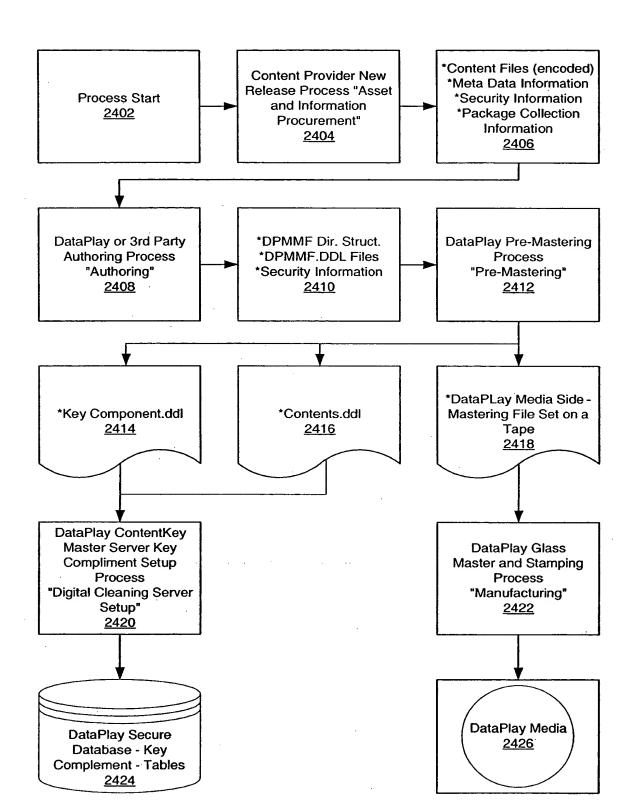


FIG. 24

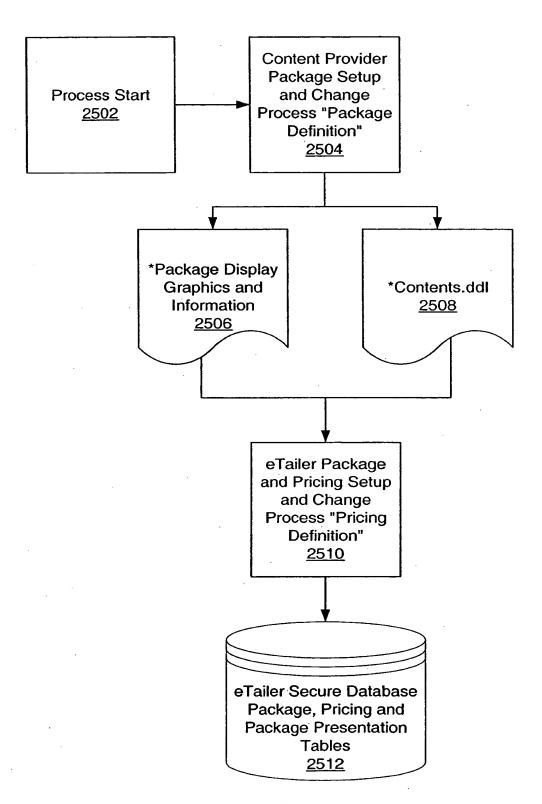


FIG. 25

Attorney Docket No.: M-12043 US

First Inventor:

M-12043 US Lane W. Lee

Title:

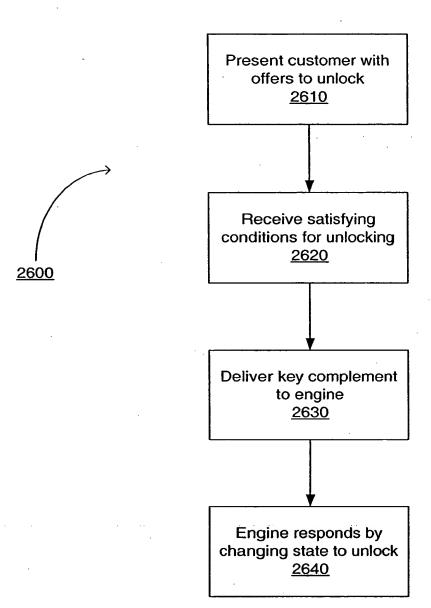


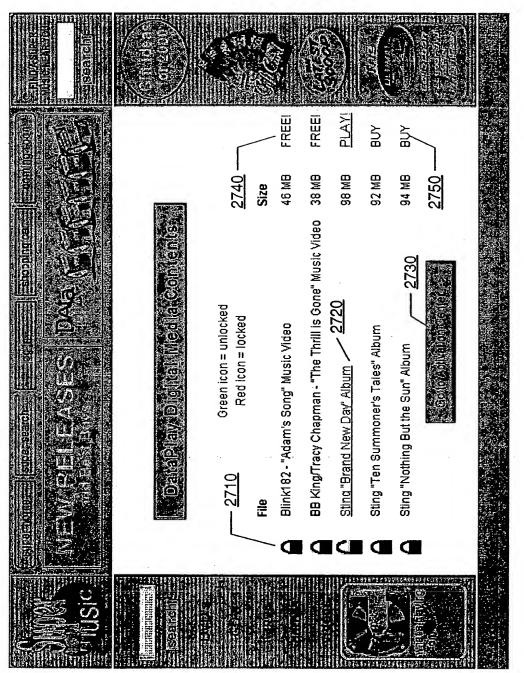
FIG. 26

Attorney Docket No.: M-12043 US

First Inventor:

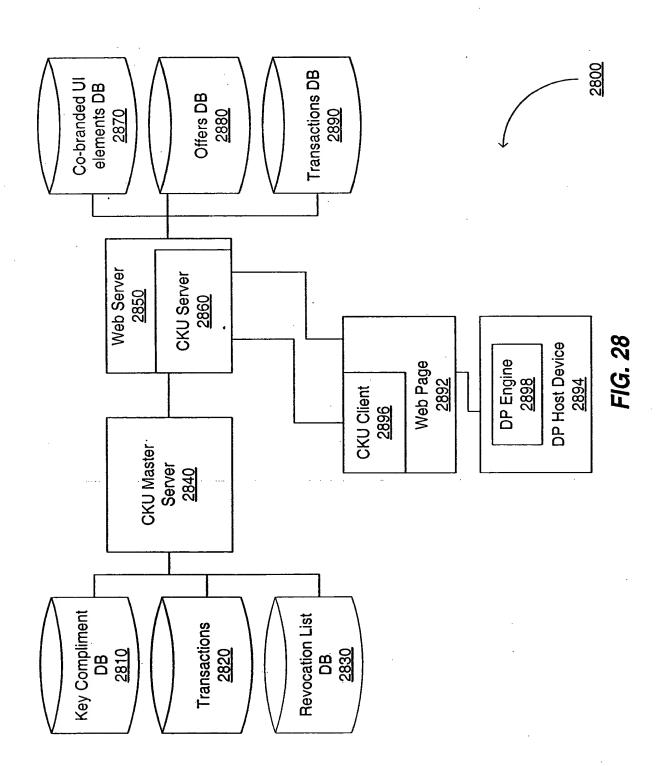
M-12043 US Lane W. Lee

Title:

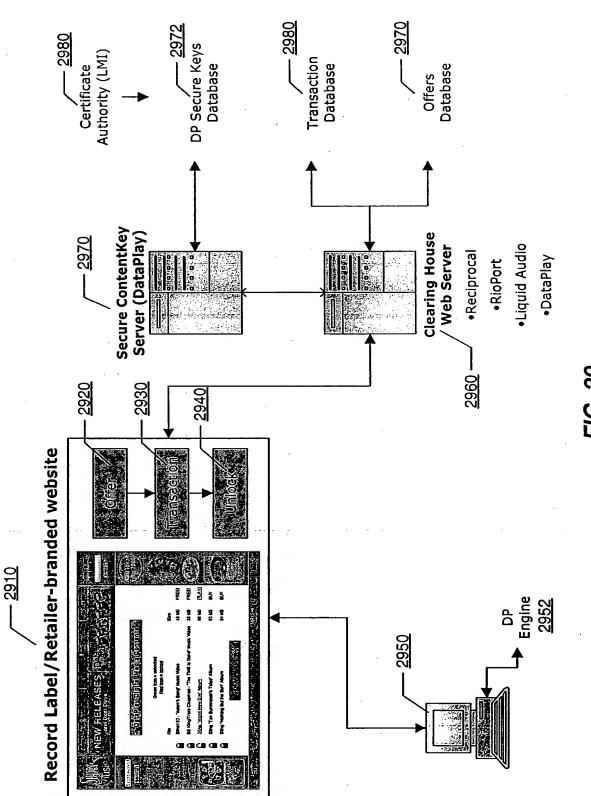


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First Inventor: Title:

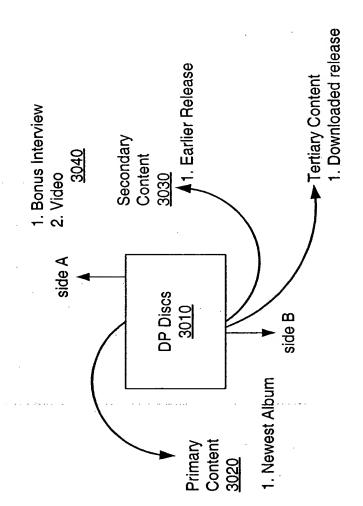


Title:

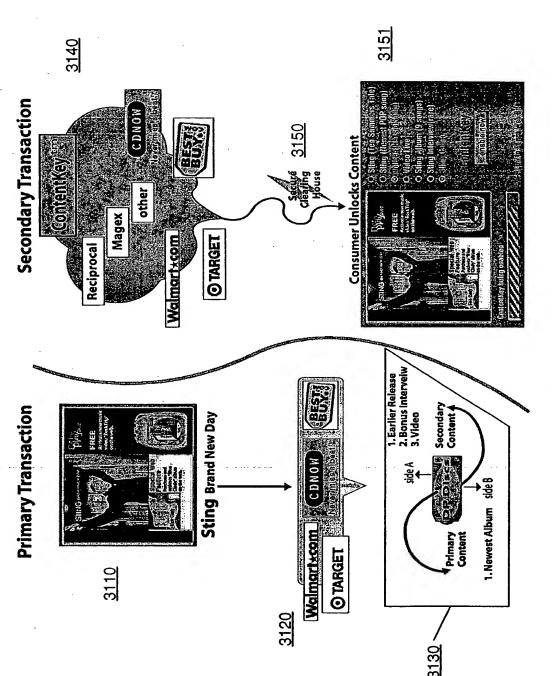


Title:

Lane W. Lee A Mastering Process and System for Secure Content



Title:



Attorney Docket No.: M-12043 US

First Inventor: Lane W. Lee

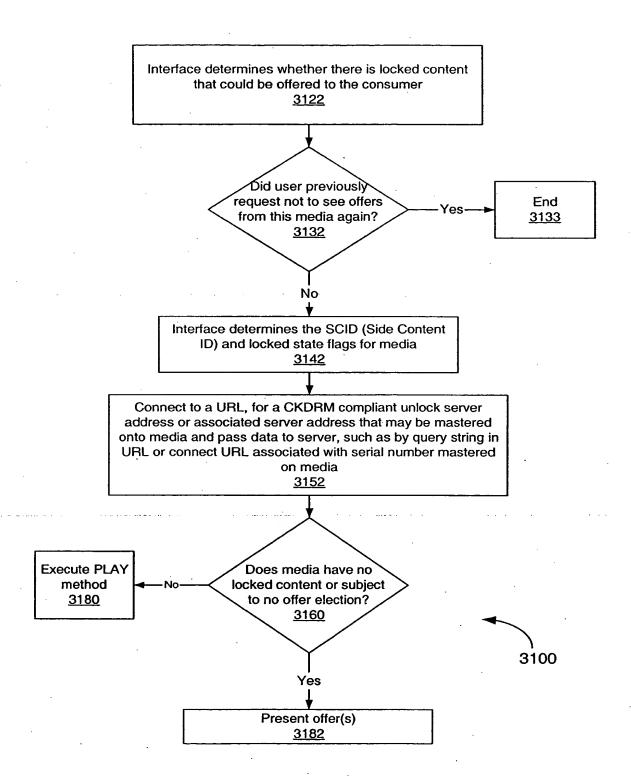


FIG. 31B

Attorney Docket No.: M-12043 US

First Inventor:

Title: A Mastering Process and System for Secure Content

Lane W. Lee

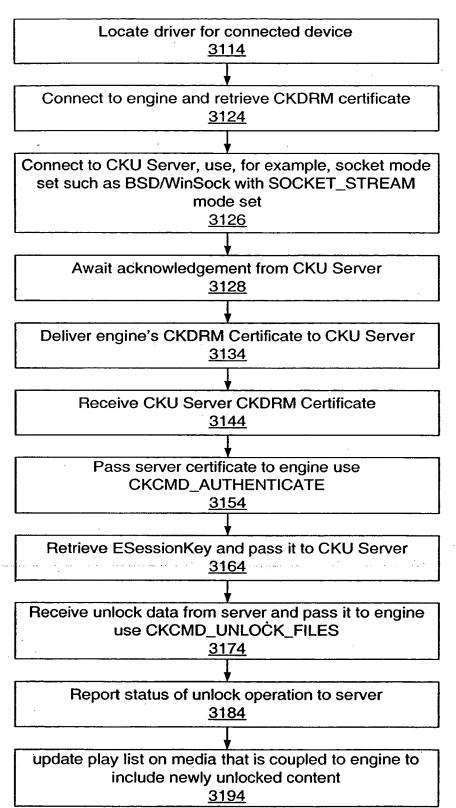
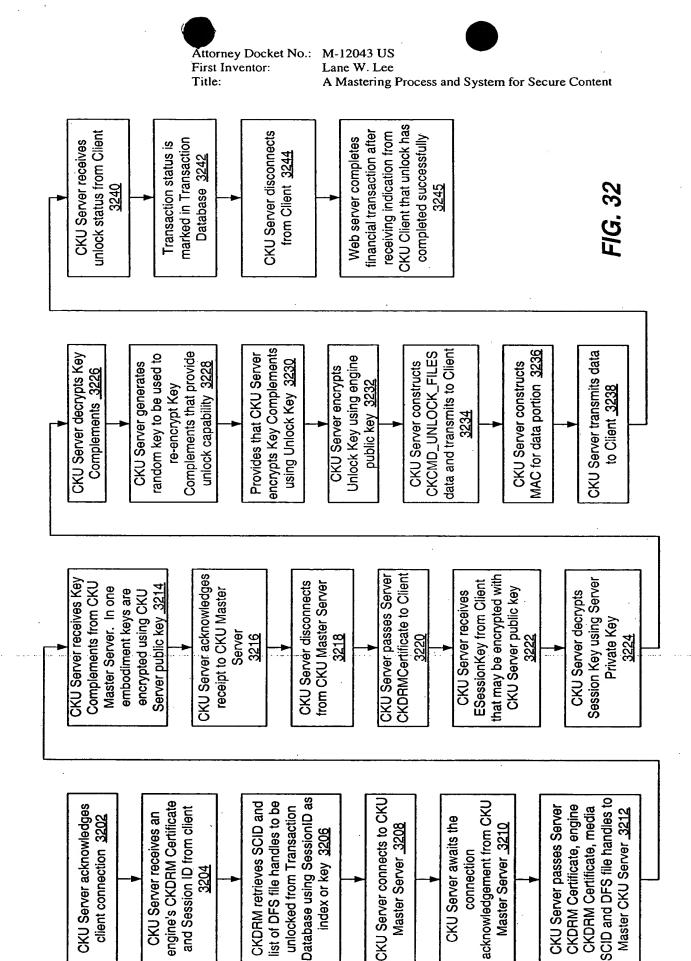


FIG. 31C

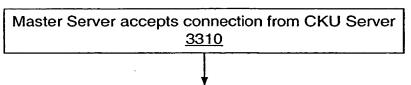


1

Attorney Docket No.: M-12043 US

Lane W. Lee

First Inventor: Title: A Mastering Process and System for Secure Content



Master Server acknowledges connection 3320

Master Server receives CKU Server CKDRM Certificate, engine's CKDRM Certificate, media SCID and DFS file handles from CKU Server 3330

Master Server verifies validity of both certificates by, for example, checking MAC and PKI signatures <u>3334</u>

Master Server checks Revocation database to make sure there are no revoked certificates pending 3336

Master Server retrieves requested Key Complements from Key Complement Database 3340

Master Server encrypts Key Complements using **CKU Server Public Key** 3350

Master Server transmits encrypted data to CKU Server 3360

Master Server receives acknowledgement from CKU Server and disconnects 3370

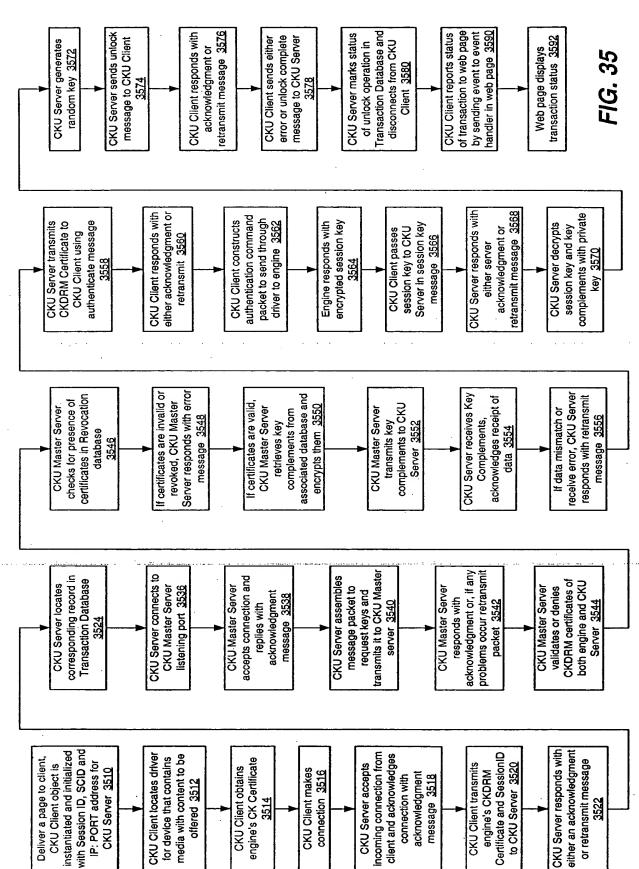
FIG. 33

Attorney Docket No.: M-12043 US First Inventor: Lane W. Lee Title: A Mastering Process and System for Secure Content Client accesses formatted URL, such as URL on media disk or URL associated with serial number on media disk or other source <u>3410</u> Client presents query string containing SCID and locked content status 3420 Web server constructs page to present offers to consumer using data from Offers and UI Elements databases 3430 Web server delivers "Unlocking in Progress" page to client 3440 Web server generates unique SessionID that is used later to commit transaction after unlock process is verified 3450 Web page embeds CKU Client object and contains client-side script that tells CKU Client to begin unlock process 3454 Web server stores the SCID and list of DFS

FIG. 34

File Handles indexed by SessionID in Transaction Database for later use by CKU Server object 3456

Title:



Lane W. Lee

Title:

TOSSOCH CHEVEL

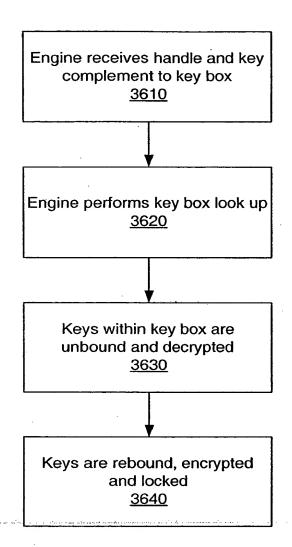
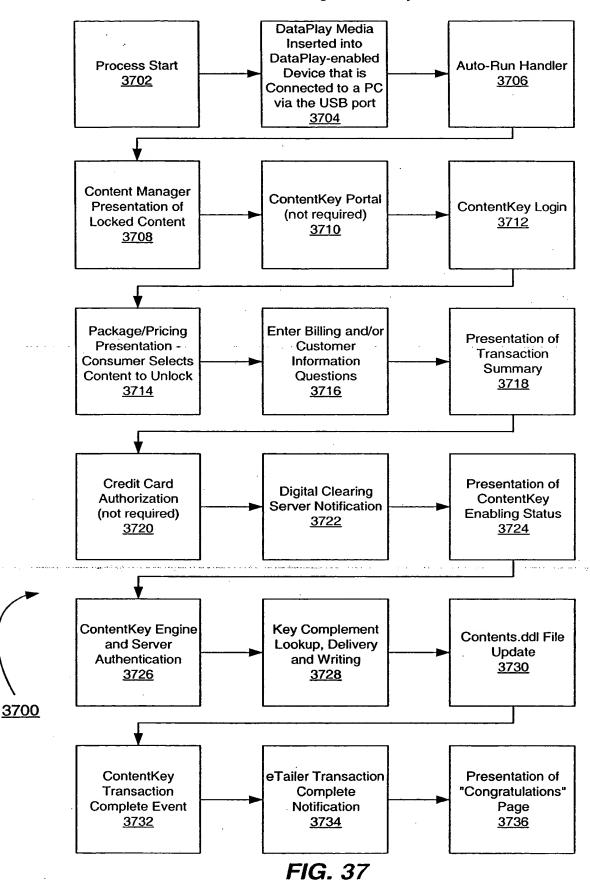


FIG. 36

Title:





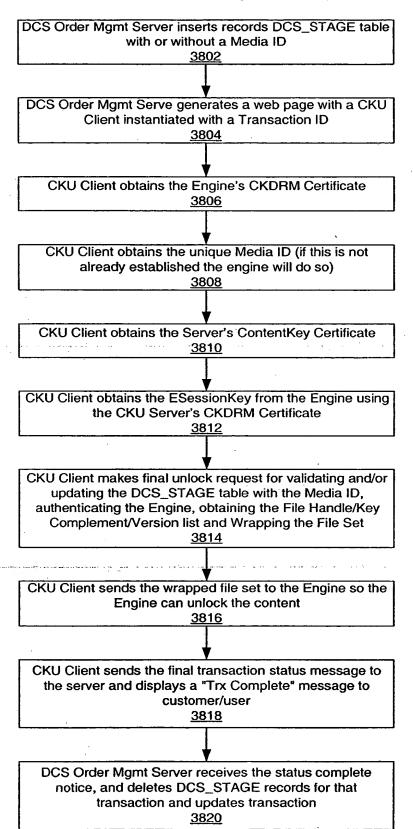


FIG. 38

First Inventor:

Attorney Docket No.: M-12043 US Lane W. Lee

Title:

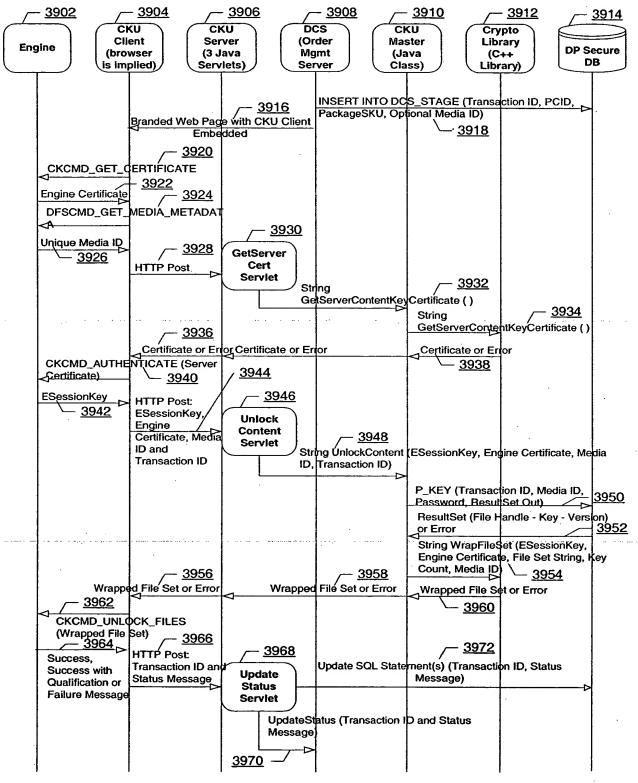


FIG. 39

Attorney Docket No.:

Attorney Docket No.: M-12043 US First Inventor: Lane W. Lee

Title:

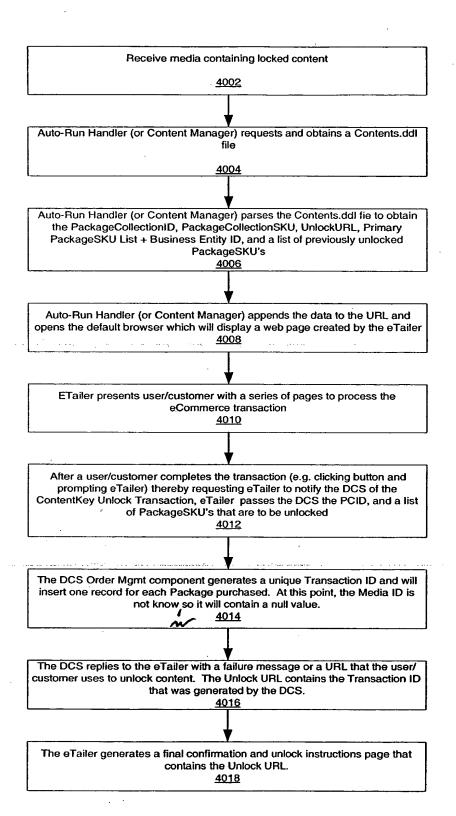


FIG. 40



M-12043 US Lane W. Lee

First Inventor: Title:

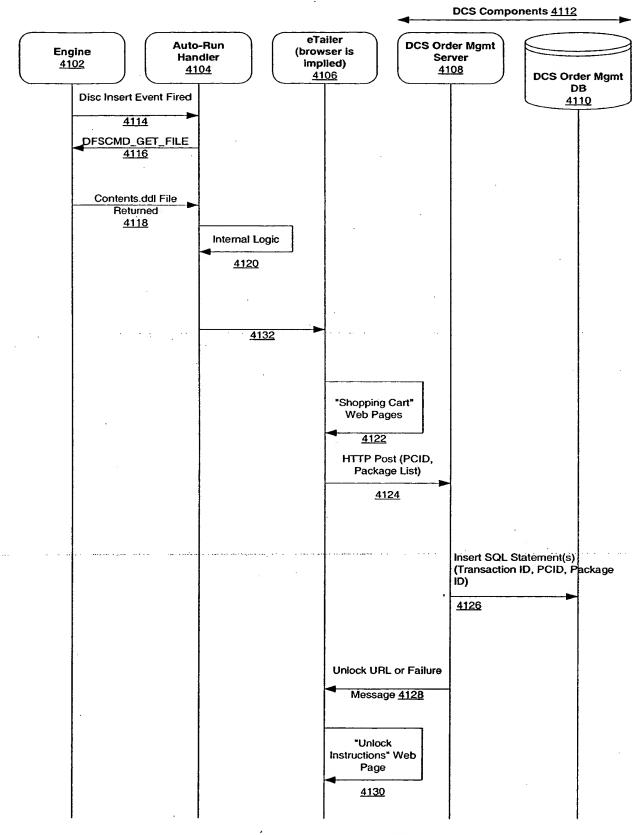


FIG. 41